

Page 1 of 1

All amounts are calculated in domestic currency.

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VU-MET002 A.M. Castle & Co. (Canada) Inc.- C/O 910720											
PO34042	5		M7075T6B7.000X2.0 f 00		11/8/2016	11/8/2016	11.1458		0.0000	0	\$0.00
USD	No		7075-T6 BAR 7.000" f X 2.000" (order in billets - 13.375") m136072		11.1458	PLOU01			0.0000	0	
Total Received Quantity:											11.1458
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											
Total Balance Due Quantity:											0.0000

**Castle Metals®**

A. M. Castle & Co.

**PACKING SLIP/
CERTIFICATE OF CONFORMANCE**

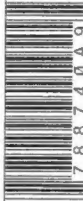
Page 1 of 2

Shipment No:3120677

Ship From: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped 07-NOV-16	F.O.B. ORIGIN	Freight Terms Prepaid	Carrier MANITOU LIN	BOL No 3120677-2

Shipment Details

Final Destination Branch - TOR

Order No	Line No	Item No	Description				
4540762	5	750616.MO	2.0000.PL.7075.T651.ALUMINUM.US1.48.5000.144.5000 CUT RECTANGLE TO 7 IN (+ .0620/- .0000 IN (GRAIN TO RUN ALONG 13.375")) X 13.375 IN (+ .0620/- .0000 IN (GRAIN TO RUN ALONG 13.375")) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12				
Purchase Order No	Part Number	Ordered Qty	Invoice Qty				
34042		10.00 PCS	10.00 PCS				
Details	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS						
Delivery No.	Mill	Heat Number	Mech Id	PCs	Width (IN)	Length (IN)	Shipped Qty(LBS)
120638293		 788740A9		10			193.2819

NOV 08 2016

99
DAS

NOV 08 2016

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned.

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.

Date Printed: 07-NOV-2016 03:41:58 PM



Castle Metals®

A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 2 of 2

for credit.	Date:	Name:
Reviewed by Authorized Castle Metals Representative:		

Chris Galt



NOV 07 2016

NOV 08 2016

NOV 08 2016

SHIP TO:

A M CASTLE METALS
4175 ROYAL DRIVE, SUITE 600
KENNESAW, GA 30144

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

SOLD TO:

AM CASTLE & CO- SOLD TO
1420 KENSINGTON RD
SUITE 220
OAK BROOK, IL 60523

CERTIFIED TEST REPORT

Serial Number

4432064

CUSTOMER PO NUMBER: 391032-1		WORK PACKAGE: 750616		CUSTOMER PART NUMBER: 750616		SHIP RUN/LOAD: 103677/9		GOV'T CONTRACT NUMBER:				
KAISER ORDER NO: 1218516-1			SHIP DATE: 7-SEP-2016		ALLOY: 7075		CLAD: BARE		TEMPER: T651		PRODUCT DESCRIPTION: KaiserSelect Plate	
WEIGHT SHIPPED: 4338 LB		QUANTITY: 3 PCS-EST.		TRUCK B/L #: 2062297		GAUGE: 2.0000 IN (50.8000 MM)			DIAMETER/WIDTH: 48.500 IN (1231.9 MM)		LENGTH: 144.500 IN (3670.3 MM)	

MHU 2017361: LOT 788740A9: 3 pieces;

Certified Specifications

AMS 4045/RevL
ASTM B 209/Rev14
BSS 7055/RevB
DPS 4.713/RevAK
PS 21211/RevP

AMS-QQ-A-250/12/RevA
ASTM B 594/Rev13
CMMP 025/RevV
GAMPS 9101/RevB/AmSCN1

AMS-STD-2154/RevA
BAC 5439/RevJ
CSTI 006/RevE
GSS16100/RevG/AmD

SEP 16 2016

Test Code: 1512

Lot: 788740A9

Cast 225

Drop 37

Test Results

Ingot 1

Parent Lot: 186914B8

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:

Temper
T651

Dir / # Tests

LT / 2 (Min:Max)

Ultimate KSI (MPA)

82.6 : 82.7

(570 : 570)

Yield KSI (MPA)

73.5 : 73.8

(507 : 509)

Elongation %

12.4 : 13.0



(ASTM E1251)

Chemistry:

Actual(wt%)

SI

FE

CU

MN

MG

CR

ZN

TI

V

ZR

OTHER

0.07

0.16

1.5

0.03

2.4

0.19

5.7

0.03

0.01

0.02

TOT

0.05

ALLOY LIMITS

SI

FE

CU

MN

MG

CR

ZN

TI

V

ZR

OTHER

MAX

7075

MIN(wt%)

0.00

0.00

1.2

0.00

2.1

0.18

5.1

0.00

0.00

0.00

EACH

0.05

MAX(wt%)

0.40

0.50

2.0

0.30

2.9

0.28

6.1

0.20

0.05

0.05

TOT

0.15

Aluminum Remainder

ORDER COMMENTS

AMC CA-15403A R 7



Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4432064

TEST NOTES

Metal represented by this test report was 100% Type 1
(immersion) ultrasonically tested from one side with 3mm
dead zones top and bottom and meets the Class A and Class B
requirements of all specifications referenced on this test
report. No surface marking of sonic indications is
performed.

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- * All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.226 for domestic content.
- * has been thermally processed in compliance with AMS 2772, where applicable.
- * is mercury free, within the limits of detection of ASTM E1215 (<1 ppm).
- * is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- * is in compliance with European Chemical Agency, ECHA, REACH regulations. (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd Frank Act.
- * is free of weld repair.
- * meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075 TLBZ 100X2.00

PO / BATCH NO.: 38042/136072

DATE: 11/11/13

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 2.000

QUANTITY RECEIVED: 11.1458

THICKNESS RECEIVED: 2.030

QUANTITY INSPECTED: 11.1458

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: _____

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>7075 TL</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>2.030</u>
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>AMS-DQ-A-250/12</u>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>HEAT # 788740A9</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>M7075 TLBZ 2.00X2.00</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>M156072</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION INSPECTED BY: <u>[Signature]</u> DATE: <u>11/11/13</u>	ENGINEERING SIGNOFF (if required) SIGNED OFF BY: _____ DATE: _____
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34042

Purchase Order Date 10/25/2016

PO Print Date 10/25/2016

Page Number 1 of 3

Order From :
METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

OCT 25 2016

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M7075T6B0.375X8.000	7075-T6 Plate 0.375" X 8.000", QQ-A 250/12	11/8/2016 Yes 11/8/2016	FN	12.00 f	\$24.84	\$298.08
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							
Line Total:							\$298.08
2	M7075T6B5.000X0.375	7075-T6 BAR 5.000" X 0.375"	11/8/2016 Yes 11/8/2016		12.00 f	\$17.09	\$205.08
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							
Line Total:							\$205.08

Note:

10/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34042**

Purchase Order Date 10/25/2016

PO Print Date 10/25/2016

Page Number 2 of 3

Order From :

VU-MET002

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

3	M7075T6B6.000X0.250	7075-T6 BAR 6.000" X 0.250"	11/8/2016	12.00	\$15.64	\$187.68
			Yes	f		
			11/8/2016			

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$187.68

4	M7075T6B6.000X1.000	7075-T6 BAR 6.000" X 1.000"	11/8/2016	12.00	\$41.34	\$496.08
			Yes	f		
			11/8/2016			

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$496.08

Note:

10/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34042**

Purchase Order Date 10/25/2016

PO Print Date 10/25/2016

Page Number 3 of 3

Order From :
METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

5	M7075T6B7.000X2.000	7075-T6 BAR 7.000" X 2.000" (order in billets - 13.375")	11/8/2016	11.15	✓	\$89.27	\$995.00
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Yes

f

NOV 08 2016

11/8/2016

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: CUT 10 PCS AT 13.375", GRAIN DIRECTION ALONG 13.375"

DAS
26
9-88

Line Total: \$995.00

6	71401-45	PROCUREMENT QUALITY CLAUSES	11/8/2016	1.00		\$0.00	\$0.00
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No

Procurement Quality Clauses

11/8/2016

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total: \$0.00

PO Total: \$2,181.92

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 10/25/2016